

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB2004/002931

A. CLASSIFICATION OF SUBJECT MATTER				
IPC 7 G01S17/93 G01S13/93 G01S17/89 G01S13/86 G01S17/87				
<p>According to International Patent Classification (IPC) or to both national classification and IPC</p>				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
IPC 7 G01S				
<p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p>				
<p>Electronic data base consulted during the international search (name of data base and, where practical, search terms used)</p>				
EPO-Internal, WPI Data, PAJ				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.
X	WO 02/103385 A (IBEO AUTOMOBILE SENSOR GMBH ; DIETMAYER KLAUS (DE); LAGES ULRICH (DE)) 27 December 2002 (2002-12-27) page 32, line 12 – page 34, line 15 page 37, line 1 – page 38, line 15 page 11, line 10 – line 14			1-12
A	US 2003/060956 A1 (EBENSTEIN SAMUEL EDWARD ET AL) 27 March 2003 (2003-03-27) abstract			1-12
A	EP 1 338 477 A (TOYOTA MOTOR CO LTD) 27 August 2003 (2003-08-27) abstract			1-12
A	US 6 492 935 B1 (HIGUCHI TAKASHI) 10 December 2002 (2002-12-10) the whole document			1-12
				-/-
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.		
<p>* Special categories of cited documents :</p> <p>'A' document defining the general state of the art which is not considered to be of particular relevance</p> <p>'E' earlier document but published on or after the international filing date</p> <p>'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>'O' document referring to an oral disclosure, use, exhibition or other means</p> <p>'P' document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"Z" document member of the same patent family</p>				
Date of the actual completion of the international search		Date of mailing of the international search report		
15 December 2004		28/12/2004		
Name and mailing address of the ISA		Authorized officer		
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Johansson, R		

INTERNATIONAL SEARCH REPORTInternational Application No
PCT/IB2004/002931**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 633 705 A (ASAYAMA YOSHIAKI) 27 May 1997 (1997-05-27) abstract -----	1-12
A	DE 101 33 945 A (BOSCH GMBH ROBERT) 6 February 2003 (2003-02-06) the whole document -----	1-12

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